



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : A61K 31/66, 31/70	A1	(11) International Publication Number: WO 00/00205 (43) International Publication Date: 6 January 2000 (06.01.00)
(21) International Application Number: PCT/GB99/01499 (22) International Filing Date: 12 May 1999 (12.05.99) (30) Priority Data: 9814039.5 29 June 1998 (29.06.98) GB (71) Applicant (for all designated States except US): UNIVERSITY COLLEGE LONDON [GB/GB]; Gower Street, London WC1E 6BT (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): RADEMACHER, Thomas, William [US/GB]; Foxcombe, The Ridgeway, Boars Hill, Oxford OX1 5EY (GB). GREENBAUM, Leslie [GB/GB]; 4 Hunters Court, Friars Lane, Richmond, Surrey TW9 1NX (GB). McLEAN, Patricia [GB/GB]; 4 Hunters Court, Friars Lane, Richmond, Surrey TW9 1NX (GB). (74) Agents: KIDDLE, Simon, J. et al.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: INOSITOLPHOSPHOGLYCAN AND RIBOSE FOR TREATMENT OF ISCHAEMIA-REPERFUSION INJURY

(57) Abstract

Compositions comprising inositolphosphoglycans (IPGs) and ribose are disclosed, and their use in the prevention or treatment of ischaemic-reperfusion injury. This treatment increases the energy generating systems of cells by employing the mitochondrial oxidative restoration system. The use of the compositions in preserving organs for transplantation is also disclosed.

